|   | Index of Claims |          |              |           |              |          |          |          |           |          |                             |              |          | Application No. |                     |                     |                     |              |           |           |          |           |              | Applicant(s)   |                 |             |                   |             |          |         |                 |   |  |
|---|-----------------|----------|--------------|-----------|--------------|----------|----------|----------|-----------|----------|-----------------------------|--------------|----------|-----------------|---------------------|---------------------|---------------------|--------------|-----------|-----------|----------|-----------|--------------|----------------|-----------------|-------------|-------------------|-------------|----------|---------|-----------------|---|--|
|   |                 |          |              |           |              |          |          |          |           |          |                             |              | Ω        | 09/893,293      |                     |                     |                     |              |           |           |          |           |              | BOESJES ET AL. |                 |             |                   |             |          |         |                 |   |  |
|   |                 |          |              |           |              |          |          |          |           |          |                             |              |          | Examiner        |                     |                     |                     |              |           |           |          |           |              | Art Unit       |                 |             |                   |             |          |         |                 |   |  |
|   |                 |          |              | Ш         | Ш            |          | Ш        |          | Ш         | Ш        |                             |              |          |                 |                     |                     |                     |              |           |           |          |           |              |                |                 |             |                   |             |          |         |                 |   |  |
|   |                 |          |              |           |              |          |          |          |           |          |                             |              |          |                 | Jo                  | Joseph A. Fischetti |                     |              |           |           |          |           |              |                | 3627            |             |                   |             |          |         |                 |   |  |
|   |                 |          | Г            | ı –       |              |          |          | 1        |           | П        |                             | /Th          |          |                 |                     | - 13                | $\neg$              | Г            | _         |           |          |           |              | 1              | $\Box$          | <del></del> |                   |             |          | $\neg$  |                 |   |  |
|   |                 |          | √            | R         | Rejected     |          |          |          |           | _        | (Through numer<br>Cancelled |              |          |                 | ai)                 |                     |                     | N            | No        | on-       | -Elec    | ted       | ted          | A              | Appeal          |             |                   |             |          |         |                 |   |  |
|   |                 |          | -            | $\vdash$  |              |          |          | ł        |           | -        |                             |              |          |                 |                     |                     |                     | ŀ            | -         |           |          |           |              | ┨              | H               |             |                   |             |          | -       |                 |   |  |
|   |                 |          | =            | A         | llo          | we       | d        |          |           | ÷        |                             | R            | estr     | icte            | d                   |                     |                     | -            | 1         | ln        | ter      | fere      | nce          |                | 0               | C           | Obje              | cte         | d        |         |                 |   |  |
|   |                 |          |              |           |              |          | _        | J        |           | لــا     |                             |              |          |                 |                     |                     |                     | Ł            |           |           |          |           |              | J              | ш               |             |                   |             |          |         |                 |   |  |
|   | Cla             | aim      |              | _         | _            | [        | Dat      | e        |           |          | 4                           |              | laim     |                 |                     |                     | D                   | ate          |           |           |          |           | С            | aim            | ļ,              |             |                   | Date        | _        |         |                 | 1 |  |
|   | न               | inaf     | 2            |           |              |          |          |          |           |          |                             | <del>,</del> | la<br>Ia |                 |                     |                     |                     |              |           |           |          |           | <del> </del> | ョ              |                 |             |                   |             |          |         |                 |   |  |
|   | Final           | Original | 1/265        |           |              |          |          |          |           |          |                             | Final        | Original | '               |                     |                     |                     |              |           |           |          |           | Final        | Original       |                 |             |                   |             |          |         |                 |   |  |
|   |                 | 1        | 7            | -         | L            | _        |          | ├-       | -         | Н        | $\dashv$                    | $\vdash$     | 51       |                 | H                   |                     | 4                   |              | 4         | 4         | 4        | 4         | <u> </u>     |                | Н               | -           |                   | $\sqcup$    | 4        | _       | Ш               |   |  |
|   |                 | 2        |              |           | ┢            | $\vdash$ | -        | $\vdash$ | $\vdash$  | Н        | $\dashv$                    | $\vdash$     | 52       | +               | H                   |                     | $\dashv$            | $\dashv$     |           | +         | $\dashv$ | $\dashv$  | -            | 101<br>102     | $\vdash$        |             | +                 | $\dashv$    | $\dashv$ | +       | $\vdash$        |   |  |
|   |                 | 3        |              |           |              |          |          |          | Г         | П        | $\Box$                      |              | 53       |                 | П                   |                     |                     |              |           | $\dashv$  | #        |           |              | 103            | П               |             |                   |             |          |         |                 |   |  |
|   |                 | 5        | -            | -         | H            | H        | -        | $\vdash$ | ┝         | Н        | $\dashv$                    |              | 54<br>55 | -               | Н                   | $\dashv$            | -                   | $\dashv$     | 4         | +         | $\dashv$ | $\dashv$  | -            | 104<br>105     | Н               |             | -                 |             | $\dashv$ | _       | Н               |   |  |
|   |                 | 6        |              |           |              |          |          |          |           |          |                             |              | 56       |                 | $\vdash$            |                     | +                   | +            | 7         | $\dashv$  | $\dashv$ | $\dashv$  | -            | 106            | H               | +           | +-                | -+          | +        | ╁       | $\vdash$        |   |  |
|   |                 | 7        |              |           | _            | $\Box$   |          | L        | L.        |          |                             |              | 57       |                 |                     |                     | $\Box$              | $\Box$       | $\Box$    | $\Box$    |          |           |              | 107            | П               | $\perp$     |                   | $\Box$      |          |         |                 |   |  |
|   |                 | 8        | ├            | <u> </u>  | <del> </del> | H        | H        | -        | _         |          |                             | -            | 58<br>59 | +-              | Н                   | $\dashv$            | $\dashv$            | +            | +         | $\dashv$  | +        | _         |              | 108<br>109     | $\vdash$        | +           | +                 | $\vdash$    | +        |         | $\vdash$        |   |  |
|   |                 | 10       |              |           |              |          |          |          |           |          |                             |              | 60       | 1               |                     |                     |                     |              |           |           |          |           |              | 110            | H               |             | +                 |             | $\dashv$ | +       | Н               |   |  |
| } |                 | 11<br>12 |              | <u> </u>  | -            | _        | _        | ļ        | _         | Н        | 4                           |              | 61       |                 |                     | 4                   | $\dashv$            | 4            | $\Box$    | $\dashv$  | $\dashv$ |           |              | 111            | П               |             | $\perp$           |             | $\Box$   | $\perp$ | $\Box$          |   |  |
| ł |                 | 13       |              |           | H            |          | $\vdash$ | ┝        |           | Н        | ᅱ                           | $\vdash$     | 62<br>63 |                 | H                   | $\dashv$            | -                   | +            | $\dashv$  | +         | +        | $\dashv$  |              | 112<br>113     | $\vdash$        | +           | $\vdash$          | $\dashv$    | +        | +       | ╁┤              |   |  |
|   |                 | 14       |              |           |              |          |          |          |           |          |                             |              | 64       |                 |                     |                     |                     |              |           | 士         | # 1      |           |              | 114            |                 |             |                   |             | 1        |         |                 |   |  |
|   |                 | 15<br>16 |              |           | _            |          |          | -        | _         | $\vdash$ | $\dashv$                    | -            | 65<br>66 | -               | Н                   |                     | $\dashv$            | 4            | 4         | -         | 4        | 4         |              | 115<br>116     | Ш               | $\perp$     | _                 |             | _        |         | Ш               |   |  |
| [ |                 | 17       |              |           |              |          |          | ┝        |           | Н        |                             | -            | 67       |                 | Н                   |                     | ┪                   | +            | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  | $\vdash$     | 117            | $\vdash$        | +           | $\vdash$          | $\dashv$    | +        | +-      | +               |   |  |
| [ |                 | 18       |              |           | _            |          |          |          |           |          |                             |              | 68       |                 |                     | $\Box$              | $\Box$              | $\Box$       | $\Box$    | 1         |          |           |              | 118            |                 |             |                   |             |          |         |                 |   |  |
|   |                 | 19<br>20 | _            |           | -            | H        | -        | -        | -         | Н        | $\dashv$                    | -            | 69<br>70 |                 | $\vdash$            | _                   | -                   | +            | $\dashv$  | $\dashv$  | +        | -         | -            | 119<br>120     | $\vdash$        | +           | +-                | -           | +        | +       | +               |   |  |
|   |                 | 21       |              |           |              |          |          |          |           |          |                             | _            | 71       |                 |                     |                     |                     |              | $\exists$ | $\perp$   |          |           | -            | 121            |                 | +-          | T                 |             | $\dashv$ | +-      | Н               |   |  |
|   |                 | 22<br>23 | Н            | _         | _            |          | _        |          |           | $\vdash$ | _                           |              | 72       |                 |                     | _                   | _                   | 4            | _         | 4         | 4        |           |              | 122            |                 |             | $\Box$            |             | $\Box$   | 1       |                 |   |  |
|   |                 | 24       |              |           | H            |          | -        | H        |           | $\vdash$ |                             | -            | 73<br>74 | ╁               | Н                   |                     | 十                   | $\dashv$     | $\dashv$  | +         | ╅        | $\dashv$  | $\vdash$     | 123<br>124     | H               | +           | ╁                 | -           | +        | +-      | Н               |   |  |
| ļ |                 | 25       |              |           |              |          |          |          |           |          |                             |              | 75       |                 |                     |                     |                     | 1            |           | 1         |          |           |              | 125            |                 |             |                   |             |          | 上       |                 |   |  |
|   |                 | 26<br>27 | -            |           |              | -        | _        | -        |           | $\vdash$ | $\dashv$                    | -            | 76<br>77 |                 | $\vdash$            | -                   | +                   | $\dashv$     | $\dashv$  | 4         | $\dashv$ | $\dashv$  | -            | 126<br>127     | $\sqcup$        | +           | $\vdash \vdash$   | _           | -        | - -     | Н               |   |  |
|   |                 | 28       |              |           |              |          |          |          |           | H        | $\exists$                   |              | 78       |                 | $\vdash$            | $\dashv$            | $\dashv$            | $\dashv$     | +         | $\dagger$ | +        | $\dashv$  |              | 128            | $\vdash$        | +-          | $\vdash$          | -           | +        | +       | $\vdash$        |   |  |
|   |                 | 29<br>30 | V            |           | _            |          | <u> </u> |          | _         |          | $\exists$                   |              | 79       |                 |                     |                     | $\exists$           | $\dashv$     | $\Box$    | $\Box$    | $\Box$   |           |              | 129            |                 | $\bot$      | $\Box$            | $\Box$      | $\Box$   |         |                 | İ |  |
| } | _               | 31       | H            |           | -            | $\vdash$ | $\vdash$ | -        | $\vdash$  | $\vdash$ | $\dashv$                    | $\vdash$     | 80<br>81 |                 | H                   | $\dashv$            | $\dashv$            | +            | +         | +         | +        | $\dashv$  | $\vdash$     | 130<br>131     | $\vdash \vdash$ | +           | $\vdash$          | $\dashv$    | +        | +       | $\vdash$        |   |  |
| ļ |                 | 32       | П            |           |              |          |          |          |           | 口        | コ                           |              | 82       | 1               |                     |                     | ╛                   |              |           | 1         | ⇉        |           |              | 132            |                 |             |                   |             | 1        |         |                 |   |  |
| } | _               | 33<br>34 | Н            |           | L            |          |          | L        |           | $\vdash$ |                             | -            | 83<br>84 |                 | $\sqcup$            | $\dashv$            | +                   | -            | 4         | 4         | 4        | 4         | -            | 133<br>134     | $\sqcup$        | +           | $\square$         | _           | 4        | 4       | H               |   |  |
| į |                 | 35       | H            |           |              |          |          | -        | Н         |          | $\dashv$                    | <b> </b>     | 85       |                 | H                   | 7                   | +                   | $\dashv$     | $\dagger$ | +         | +        | $\dashv$  | -            | 135            | $\vdash$        | ╁           | Н                 | $\dashv$    | +        |         | H               |   |  |
| [ |                 | 36       | $\prod$      |           |              |          |          |          |           | П        | $\Box$                      |              | 86       |                 |                     |                     |                     |              | 丁         |           | 1        |           |              | 136            |                 |             | П                 |             |          |         |                 |   |  |
| - |                 | 37<br>38 | $\mathbf{J}$ | Н         | _            | _        | _        | $\vdash$ |           | Н        | $\dashv$                    | -            | 87<br>88 |                 | $\vdash$            | $\dashv$            | +                   | +            | $\dashv$  | +         | +        | 4         |              | 137<br>138     |                 | -           | $\vdash$          | _           |          |         | $\vdash \vdash$ |   |  |
| į |                 | 39       |              |           |              |          |          |          |           | 廿        | $\exists$                   |              | 89       | 1               |                     |                     | $\dashv$            | _            | _         | $\exists$ | _†       | _         | $\vdash$     | 139            | $\vdash$        |             | $\dagger \exists$ | +           | $\dashv$ | +       | H               |   |  |
|   |                 | 40<br>41 |              | $\Box$    |              |          |          |          |           | П        |                             |              | 90       |                 | П                   | $\Box$              | 1                   | 7            | $\Box$    | 7         | 1        | $\Box$    |              | 140            | 耳               |             | П                 | $\Box$      | 1        |         | 口               |   |  |
| ł |                 | 42       | $\dashv$     |           | H            | $\vdash$ | -        | $\vdash$ | H         | $\vdash$ | $\dashv$                    | -            | 91<br>92 |                 | $\vdash \vdash$     | $\dashv$            | +                   | +            | $\dashv$  | +         | +        | $\dashv$  | <u> </u>     | 141<br>142     | $\vdash \vdash$ | +           | $\vdash \vdash$   | $\dashv$    | +        | +       | $\vdash\vdash$  |   |  |
| ļ |                 | 43       |              |           |              |          |          |          |           |          |                             |              | 93       | 1               |                     | ╛                   |                     | 士            | $\perp$   | $\perp$   | ⇉        | $\exists$ |              | 143            |                 | $\perp$     |                   | $\pm$       | $\pm$    | 士       | $\Box$          | } |  |
| } |                 | 44<br>45 | 4            | $\dashv$  | Н            |          |          | $\vdash$ | Н         | $\sqcup$ | 4                           |              | 94<br>95 |                 | $\Box$              | $\dashv$            | $\dashv$            | $\perp$      | $\bot$    | 4         | $\bot$   | $\dashv$  | <u> </u>     | 144            | $\Box$          | $\perp$     | $\Box$            | $\dashv$    | 7        |         | П               | İ |  |
| ŀ |                 | 46       | _            | _1        | $\exists$    |          |          | Н        | $\square$ | H        | $\dashv$                    | -            | 96       |                 | $\vdash$            | $\dashv$            | $\dashv$            | +            | $\dashv$  | +         | +        | $\dashv$  | -            | 145<br>146     | $\vdash$        | +           | $\vdash$          | +           | +        | +       | Н               | ı |  |
| ļ |                 | 47       | $\exists$    | $\exists$ |              |          |          |          |           | $\Box$   |                             |              | 97       |                 |                     | コ                   | $\rightrightarrows$ | $\downarrow$ | ユ         | 1         | 丰        |           |              | 147            |                 |             | $\square$         | $\sqsupset$ |          | 1_      | 口               | ı |  |
| } |                 | 48<br>49 | $\dashv$     | $\dashv$  | $\dashv$     | $\dashv$ | _        | $\vdash$ |           | $\dashv$ | $\dashv$                    | -            | 98       |                 | $\vdash \downarrow$ | +                   | +                   | +            | 4         | +         | +        | $\dashv$  |              | 148<br>149     |                 |             | $\vdash$          | _           | -        | +       | $\sqcup$        | ì |  |
| t |                 | 50       |              |           |              |          |          |          |           |          | $\exists$                   |              | 100      |                 | Ħ                   | $\exists$           | $\exists$           | $\pm$        | $^{+}$    | $\pm$     | +        | $\exists$ | -            | 150            | $\vdash$        | $\pm$       | ╂╌┨               | +           | +        | +       | H               |   |  |